

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. – 7. (Canceled)

8. (Currently Amended) A method for testing an endurance of an optical disc, comprising:

disposing the optical disc on a rotation plate;

rotating the optical disc along with the rotation plate;

applying pressure ~~to the~~ in a vertical direction on the optical disc using a scratching unit while the optical disc rotates for a predetermined number of rotation turns, so as to produce a scratch on a surface of the optical disc, resulting from a contact with the scratching unit; and

determining the endurance of the optical disc based on the scratch produced on the surface of the optical disc.

9. (Previously Presented) The method according to claim 8, wherein the applying step applies pressure for 5 rotation turns or less of the optical disc.

10. (Previously Presented) The method according to claim 8, wherein the applying step applies pressure based on a number of rotation turns of the optical disc.

11. (Previously Presented) The method according to claim 10, wherein the applying step applies pressure inversely proportional to the number of rotation turns of the optical disc.

12. (Previously Presented) The method according to claim 8, wherein the applying step applies pressure in a range of 500 to 1500 gf/cm².

13. (Previously Presented) The method according to claim 8, wherein the scratching unit includes steel wool for forming scratches on the optical disc.

14. (Previously Presented) The method according to claim 8, wherein the determining step determines the optical disc to be deficient if a depth of the scratch is equal to or more than 2 micrometers (μm), and determines the optical disc to be normal if the depth of the scratch is less than 2 micrometers (μm).

15. (New) The method according to claim 8, wherein the predetermined number of rotation turns are five.

16. (New) The method according to claim 8, further determining the endurance of the optical disc based on a jitter value.

17. (New) The method according to claim 16, wherein the optical disc has sufficient endurance if the jitter value is below 10%.

18. (New) The method according to claim 8, further determining the endurance of the optical disc based on a symbol error rate (SER).

19. (New) The method according to claim 8, further determining the endurance of the optical disc based on a bit error rate (BER).

20. (New) The method according to claim 8, further determining the endurance of the optical disc based on a servo error signal.

21. (New) The method according to claim 8, further determining the endurance of the optical disc based on a tracking error signal.